

## WEST Search History for Application 10782149

Creation Date: 2008091120:10

| Query   | DB                                 | Op. | Plur. | Thes. | Date       |
|---|------------------------------------|-----|-------|-------|------------|
| "impedance catheter"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ("impedance catheter" ) and solution and conductivity   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| (solution same conductivity)  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ((solution same conductivity) ) and "impedance catheter"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ((solution same conductivity) ) and catheter  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ((solution same conductivity) and catheter ) and "cross-sectional area"                                   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ((solution same conductivity) and catheter and "cross-sectional area" ) and ("sodium chloride" or saline) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| conductance same "current density"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| (conductance same "current density" ) and "blood vessel"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| (conductance same "current density" and "blood vessel!" ) and "nodal voltage"                             | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| "nodal voltage"   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |
| ("nodal voltage" ) and impedance and "blood vessel"   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |       |       | 04-06-2008 |

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| ("nodal voltage" ) and impedance   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| ("nodal voltage" and impedance ) and conductance                                     | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| pressure and transducer and "cross-sectional area"                                   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| (pressure and transducer and "cross-sectional area" ) and "blood vessel"             | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| "pressure transducer" same "cross-sectional area"                                    | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| ("pressure transducer" same "cross-sectional area" ) and "blood vessel"              | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| "pressure gradient" same "cross-sectional area"                                      | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| ("pressure gradient" same "cross-sectional area" ) and "blood vessel"                | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| ("pressure gradient" same "cross-sectional area" and "blood vessel" ) and transducer | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| conductance same balloon   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| (conductance same balloon ) and "blood vessel" and "cross-sectional area"            | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| (conductance same balloon ) and "cross-sectional area"                               | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| conductance same "cross-sectional area"  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |
| (conductance same "cross-sectional area" ) and balloon                               | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 04-06-2008 |

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| (conductance same "cross-sectional area" ) same balloon                  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| (conductance same fluid) same balloon                                    | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| (conductance same fluid) same "cross-sectional area"                     | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| ((conductance same fluid) same "cross-sectional area" ) and balloon      | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| ((conductance same fluid) same "cross-sectional area" ) and catheter     | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| "cross-sectional area" same balloon                                      | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| ("cross-sectional area" same balloon ) and conductance                   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| "impedance catheter" same biliary  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| catheter same biliary  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| (catheter same biliary ) and impedance                                   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| (catheter same biliary and impedance ) and (conductance or conductivity) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 04-06-2008 |
| conductance same "current density"                                       | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES |  | 04-06-2008 |
| (conductance same "current density" ) and catheter                       | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES |  | 04-06-2008 |
| (conductance same "current density" ) and "blood vessel"                 | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES |  | 04-06-2008 |

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|---|--|-----|-----|--|------------|
| conductance same balloon  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 04-06-2008 |
| "impedance catheter"  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ("impedance catheter" ) and solution and conductivity   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| (solution same conductivity)  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((solution same conductivity) ) and "impedance catheter"  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((solution same conductivity) ) and catheter  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((solution same conductivity) and catheter ) and "cross-sectional area"                                   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((solution same conductivity) and catheter and "cross-sectional area" ) and ("sodium chloride" or saline) | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| conductance same "current density"  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| (conductance same "current density" ) and "blood vessel"  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| (conductance same "current density" and "blood vessel" ) and "nodal voltage"                              | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| "nodal voltage"   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ("nodal voltage" ) and impedance and "blood vessel"   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |
| ("nodal voltage" ) and impedance  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |     |  | 09-11-2008 |

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| ("nodal voltage" and impedance ) and conductance                                     | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| pressure and transducer and "cross-sectional area"                                   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| (pressure and transducer and "cross-sectional area" ) and "blood vessel"             | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| "pressure transducer" same "cross-sectional area"                                    | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| ("pressure transducer" same "cross-sectional area" ) and "blood vessel"              | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| "pressure gradient" same "cross-sectional area"                                      | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| ("pressure gradient" same "cross-sectional area" ) and "blood vessel"                | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| ("pressure gradient" same "cross-sectional area" and "blood vessel" ) and transducer | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| conductance same balloon   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same balloon ) and "blood vessel" and "cross-sectional area"            | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same balloon ) and "cross-sectional area"                               | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| conductance same "cross-sectional area"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same "cross-sectional area" ) and balloon                               | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same "cross-sectional area" ) same balloon                              | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |  |  | 09-11-2008 |

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| (conductance same fluid) same balloon                                    | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same fluid) same "cross-sectional area"                     | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| ((conductance same fluid) same "cross-sectional area" ) and balloon      | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| ((conductance same fluid) same "cross-sectional area" ) and catheter     | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| "cross-sectional area" same balloon                                      | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| ("cross-sectional area" same balloon ) and conductance                   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| "impedance catheter" same biliary  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| catheter same biliary  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| (catheter same biliary ) and impedance                                   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| (catheter same biliary and impedance ) and (conductance or conductivity) | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| conductance same "current density"                                       | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same "current density" ) and catheter                       | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| (conductance same "current density" ) and "blood vessel"                 | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |
| conductance same balloon   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND |  |  | 09-11-2008 |

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| (immediate or instantaneous) same "cross-sectional area"                     | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((immediate or instantaneous) same "cross-sectional area" ) same conductance | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| ((immediate or instantaneous) same "cross-sectional area" ) and conductance  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| 4562843  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| (4562843 ) and area  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| (4562843 and area ) and saline   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| (4562843 and area ) and conductance  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND |     |  | 09-11-2008 |
| measure same stent   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES |  | 09-11-2008 |
| (measure same stent ) same conductance                                       | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES |  | 09-11-2008 |